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Streamflow Forecast Summary: May 1, 2021 (averages based on 1981-2010 reference period)

Location	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yukon R at Eagle	MAY-JUL	32200	34600	36200	113%	37800	40100	32000

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

CENTRAL YUKON BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	MAY-JUL	3310	4390	5130	92%	5860	6950	5600
Yukon R nr Stevens Village	MAY-JUL	45800	50000	52800	113%	55700	59800	46800

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 - 3) Median value used in place of average

TANANA BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	MAY-JUL	199	260	300	118%	345	405	255
Little Chena R nr Fairbanks	MAY-JUL	64	78	87	121%	97	111	72
Salcha R nr Salchaket	MAY-JUL	520	625	700	118%	775	885	595
Tanana R at Fairbanks	MAY-JUL	6080	6700	7120	102%	7550	8170	7000
Tanana R at Nenana	MAY-JUL	7650	8290	8720	103%	9150	9790	8470

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 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuskokwim R at Crooked Creek	MAY-JUN	9250	10600	11500	122%	12400	13700	9400

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 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse	MAY-JUL	315	485	605	76%	725	895	795
Sagavanirktok R nr Pump Station 3	MAY-JUL	340	440	505	74%	575	675	683

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough	MAY-JUL	305	385	440	106%	495	575	415

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer	MAY-JUL	56	71	82	103%	92	108	80
Talkeetna R nr Talkeetna	MAY-JUL	1250	1370	1450	95%	1530	1650	1530

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage	MAY-JUL	43	51	57	102%	62	70	56

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing	MAY-JUL	805	895	955	104%	1020	1100	920

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau								

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 3) Median value used in place of average